

AMENDMENTS TO THE SPECIFICATION

Please amend line 5 on page 82 to read as shown below:

enterprise in the application database (50) and processing advances to a block 458 465.

Please delete the paragraph that begins on line 7, page 82 and Table 49 as shown below:

The software in block 458 checks the bot date table (149) and deactivates segmentation bots with creation dates before the current system date. The software in the block then retrieves the information from the system settings table (140), the matrix data table (143) and the simulation table (157) as part of the process of initializing segmentation bots for each enterprise in accordance with the frequency specified by the user (20) in the system settings table (140). Bots are independent components of the application that have specific tasks to perform. In the case of segment bots, their primary task is to use the historical data and simulation data segment the value of each element, factor, element combination, factor combination and value driver into a base value and a variability or risk component. The system of the present invention uses wavelet algorithms to segment the value into two components although other segmentation algorithms such as GARCH could be used to the same effect. Every segmentation bot contains the information shown in Table 49.

Table 49

1. Unique ID number (based on date, hour, minute, second of creation)
2. Creation date (date, hour, minute, second)
3. Mapping information
4. Storage location
5. Organization
6. Enterprise
7. Element, sub-element, factor, element combination, factor combination or value driver
8. Segmentation algorithm

Please delete the paragraph that begins on line 30, page 82 as shown below:

After the segmentation bots are initialized, the bots activate in accordance with the frequency specified by the user (20) in the system settings table (140). After being activated the bots retrieve the data from the matrix data table (143) and then segment the value of each element, factor, element combination, factor combination or value driver into two segments. The resulting values by period for each enterprise are then stored in the matrix data table (143). As part of this

processing the factor risk assignments stored by the user (20) after interacting with the software in block 421 are used to distribute factor risks to the elements of value before processing advances to a software block 465 where the event risks are analyzed.